



City of Nashua

Central Purchasing
229 Main Street
Nashua, NH 03060

January 26, 2015

SUBJECT:

**ADDENDUM #2
IFB0774-012215
ROOF REPLACEMENTS AT NASHUA WWTF**

Information included in this document becomes a part of the original Request for Proposals. Please sign below to indicate receipt of this additional information and include this page with your submittal.

Addendum #2 is being issued for the following:

Addendum #2 provides a **revised bid form (reference document IFB0774-012215 ADDENDUM 2 REVISED BID FORM)** to allow the contractor to be compensated for testing of roofing material for asbestos, an allowance for asbestos material should any be found, and results of the test digs on the various roofs.

Please note: **Any questions regarding Addendum 2** must be submitted by email to William Keating at (Keatingw@NashuaNH.gov) by Wednesday, January 28st no later than 4pm. All questions and responses that were submitted will be sent to all contractors by email on Thursday, January 29th by 4pm (or sooner).

By submitting receipt of this Addendum #2 with your submittal, you are acknowledging receipt of this document. All other aspects of the original document remain the same.

Respectfully,

Mary Sanchez, CPPB

Mary Sanchez, CPPB
Purchasing Agent II
City of Nashua

Addendum #2 received and incorporated into submittal for IFB0774-012215.

(Authorized Signature)

(Date)

IFB0774-012215
ADDENDUM NO. 2

This Addendum shall become part of the Contract Documents as provided in the Instructions to Bidders for the above-referenced project. All bidders are required to make the following additions to, and modifications of, the Bid Documents for the stated project. Bidders are instructed to acknowledge receipt of this Addendum by signing below in the space below and inserting with your bid. Failure to acknowledge this Addendum may subject the Bidder to disqualification

The Bid Opening date remains unchanged as stated in Addendum 1 as **Thursday February 5th at 3pm.**

Addendum 2 provides a **revised bid form (reference document IFB0774-012215 ADDENDUM 2 REVISED BID FORM)** to allow the contractor to be compensated for testing of roofing material for asbestos, an allowance for asbestos material should any be found, and results of the test digs on the various roofs. Results from the test digs are shown in the table below but asbestos was not tested in any cuts where it could potentially exist. Refer to aerial view of plant in original bid document for locations. There were also modifications to the roof areas bases on revised measurements. The canopy area (overhang to loading dock) was added. See table below for latest updates. Note the roofing areas are approximate based on field and/or plan measurements.

Any questions regarding Addendum 2 must be submitted by email to William Keating at (Keatingw@NashuaNH.gov) by Wednesday, January 28st no later than 4pm. All questions and responses that were submitted will be sent to all contractors by email on Thursday, January 29th by 4pm (or sooner).

Revised Roof Information for Base Bid

Building	S.F. of roof area	Existing Roof Material (at surface)	Gravel on top of roof
Administration Building	11700	White PVC membrane	no
Canopy – Admin Building	1665	Tar and Gravel	yes
Sludge Dewatering Building	8,085	Tar and gravel	yes
Grit Building	1,150	Tar and gravel	yes
Aeration Blower Building	3,270	Tar and gravel	yes
Pump Building	2,190	Tar and gravel	yes
Pipe Gallery Entrance	200	Tar and gravel	yes
Maintenance Building	5,360	EDPM	no
Dechlorination Building	750	Tar and gravel	yes
Total:	34,370±		

Revised Roof Information for Bid Alternates 1, 2 and 3

	S.F. of roof area	Existing Roof Material	Gravel on top of roof
Central Generator Building	380±	Black rubber	yes
South Generator Building	380±	Black rubber	yes
Co-Gen Building	2,995±	Black rubber	yes

Revised Base Bid Description and Cost Basis

Bid Item 1.A Base Proposal

Base bid shall be complete roof replacement of the seven building, one outside canopy roof and one entrance way listed in the work description and as follows: administration building (including the two entry way roofs between the main administration building and an outside canopy roof over the loading dock), the sludge dewatering building, grit building, aeration building, pump building, pipe gallery entrance, maintenance building and dechlorination building. These buildings measure to approximately 34,370 s.f. and have roof material as follows as shown on the attached test cut table.

The lumps sum payment for the roof replacement shall include all roofing materials, insulation, flashing, replacement of roof hatch handle locking mechanisms that do not operated correctly (there are 5 inside building roof access openings, one of which that does not lock shut), and miscellaneous items as needed for complete installation of the roof. Roof decking, if in need of replacement, will be measured and paid based on a unit price provided by the contractor. Such costs must be reasonable and justification should be provided on this cost if requested. **The base bid item number 1A is based on the assumption there is no asbestos in the existing roofing material.**

Bid Item 1.B Test Cuts and Evaluation for Asbestos

This is for test cuts of existing material on roofs that were identified as tar roofs to examine this material for the presence of asbestos. This work shall include all tests cuts, repairs and testing of material by a NH certified testing laboratory. It shall be paid for on an each basis for each test cut and sample analyzed basis.

Bid Item 1.C Allowance for Removal of Roofing Materials Containing Asbestos

This is an allowance for removal of roofing material that contains asbestos determined by testing performed from Item 1.B. The allowance is based on the additional costs, over and beyond those of the base bid that will occur for removal of asbestos containing roofing materials. The contractor will need to provide a detail breakdown of the additional costs subject to approval by the City Project Engineer prior to start of work involving removal of roofing material with asbestos. The allowance of this item is \$20,000 which should be added to the total cost for the base bid.

Bid alternate's 1, 2 and 3 remain the same as in the original bid schedule with the exception of a revised calculation of the roof area of the Co-Gen Building at 2,995 S.F. ±.

See attached revised sheet that must be sent in with your bid on or before February 5th by 3pm to City Hall, Purchasing Department.

Summary of Roof Materials Determined by Qualified Roofer

Administration Building

Canopy (1,665 s.f.) :

- 5.5" rigid insulation
- Tar and gravel roof

Main Roof (11,700 s.f.):

- Combination of steel and concrete deck
- Tapered rigid insulation 5" – 9"
- PVC roof membrane

Sludge Dewatering Building (8,085 s.f.)

- Steel Deck
- 3" Rigid Insulation
- Baldy Built Up Roof
- 3" Rigid Insulation
- Tar and Gravel Roof

Grit Building (1,150 s.f.)

- Steel Deck
- 6.5" Insulation
- Tar and Gravel Roof
-

Aeration Blower Building (3,270 s.f.)

- Steel Deck
- 3.5" Rigid Insulation
- Baldy Built Up Roof
- 3" Rigid Insulation
- Tar and Gravel Roof

Pipe Gallery Entrance (200 s.f.)

- Concrete Deck
- 1" Rigid Insulation
- Tar and Gravel Roof

Maintenance Building (5,360 s.f.)

- Steel Deck
- 3" Rigid Insulation
- Tar and Gravel Roof
- ½" Fiber Board
- EPDM Roof

Dechlorination Building (750 s.f.)

- Steel Deck
- 3.5" Rigid Insulation
- Baldy Built Up Roof
- 1" Fiberglass Insulation
- Tar and Gravel Roof

Summary of Roof Materials - Continued

Pump Building (2,190 s.f.)

- Steel Deck
- 3" Rigid Insulation
- Baldy Built Up Roof
- 3" Rigid Insulation
- Tar and Gravel Roof

Co Gen Building (2,995 s.f.)

- Tapered Polystyrene Insulation
- Concrete Deck
- EPDM
- 2 Layers of 2" Extruded Insulation
- Confil Fabric, Stone Ballast

Central Generator Building (380 s.f.)

- Concrete Deck
- Tapered Polystyrene Insulation
- EPDM
- 2 Layers of 2" Extruded Insulation
- Confil Fabric
- Stone Ballast

South Generator Building (380 s.f.)

- Concrete Deck
- Tapered Polystyrene Insulation
- EPDM
- 2 Layers of 2" Extruded Insulation
- Confil Fabric
- Stone Ballast